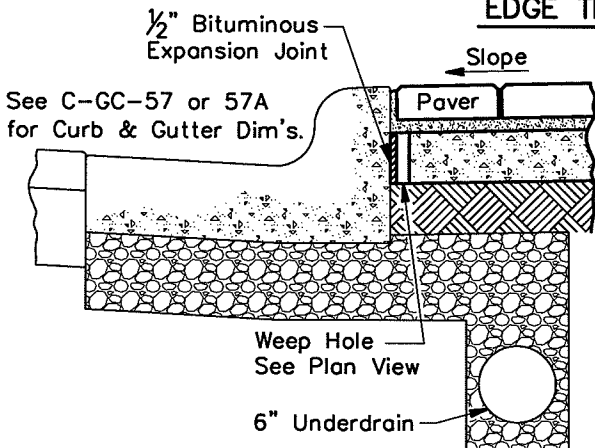
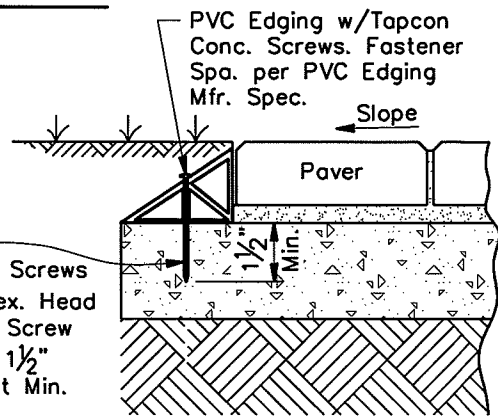


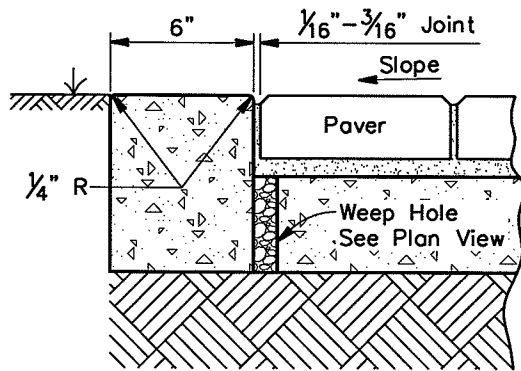
EDGE TREATMENTS PLAN VIEW



CONCRETE CURB EDGING

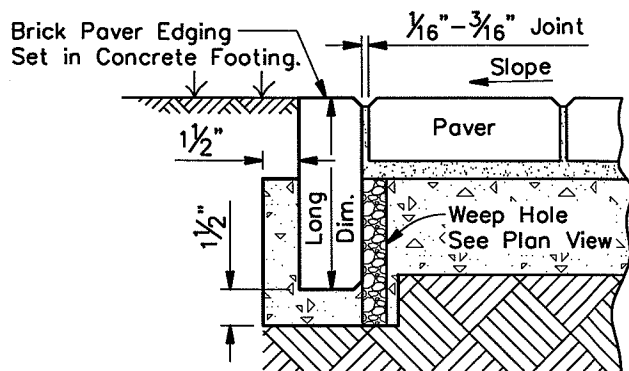


PVC EDGING



CONCRETE EDGING

(Monolithic Pour w/Base)



BRICK PAVER EDGING W/FOOTER

1/3

**BRICK SIDEWALK
SPECIFICATIONS
(EDGE TREATMENTS)**

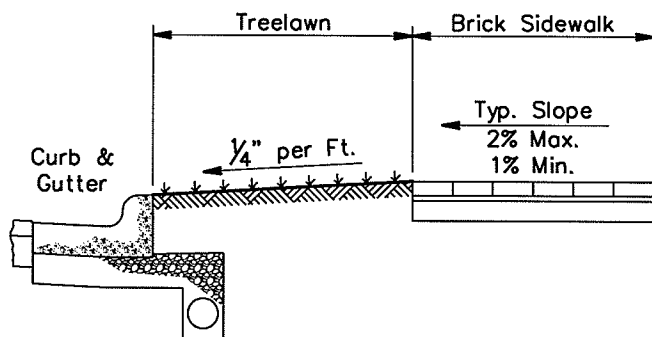
CITY OF GROVE CITY, OHIO

**STANDARD
CONSTRUCTION DRAWING**

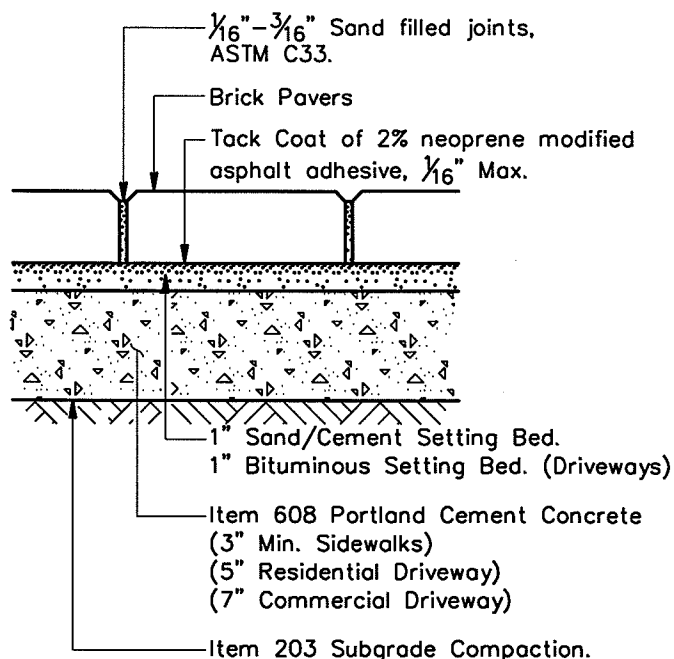
Effective Date
8-22-06

Revision Date
-

Drawing Number
C-GC-94



TREELAWN & BRICK SIDEWALK SLOPES



ARTERIAL & COMMERCIAL SPECIFICATIONS

GENERAL NOTES:

All concrete shall be item 499, ODOT Class "C", Air Entrained Concrete. w/57 Limestone Aggregate and 600 lbs. of concrete per C.Y., maximum 4" slump. No Fly Ash or GGBFS in concrete.

Length and slope of driveway approaches are variable according to the distance of the sidewalk from the curb, see Standard Drawings C-GC-41A & C-GC-42.

All concrete shall be placed in one course and finished with a wood float.

Expansion joints shall be placed wherever new concrete touches existing construction and at intervals of 30' or less. Expansion joint shall be extended through brick course.

Water and gas valves boxes in the sidewalk area shall be adjusted to proper grade.

Immediately after finishing, concrete shall be cured in an approved manner.

When a sidewalk is constructed for the entire width from the curb to the lot line, the walk shall be constructed part width at a time 48' minimum, allowing for sufficient un-obstructed area 48' minimum for safe movement of pedestrian traffic.

Notify the Grove City Building Department (614-277-3035) when forms will be ready for inspection, at least 24 hours before concrete is to be placed. In no case may concrete be placed without approval of form work by the inspector.

GENERAL NOTES CONTINUED...

2/3

	BRICK SIDEWALK SPECIFICATIONS	CITY OF GROVE CITY, OHIO		
		STANDARD CONSTRUCTION DRAWING		
		Effective Date 8-22-06	Revision Date -	Drawing Number C-GC-94

GENERAL NOTES CONTINUED...

No concrete shall be placed until temperature is 35° F. minimum. Concrete shall be protected in accordance with Section 451.10 of Item 451.

One inch deep contraction joints shall be sawed in the concrete base every 5 ft.

All edges of brick bed shall be edged with concrete, or plastic edging material. (Asphalt is not an acceptable edge material).

Color selection of brick paver shall be submitted to Grove City for approval prior to construction.

Concrete base shall cure for at least 7 days prior to placement of brick course.

Pavers shall be cut with a masonry saw when less than a full paver is necessary.

Bricks shall be vibrated into place with a mechanical plate vibrator/compactor. First pass with vibrator shall be without jointing sand, additional passes with jointing sand shall be made with vibrator until joints are filled.

Maximum allowable difference in height between pavers is $\frac{1}{16}$ ".

MATERIAL NOTES:

Neoprene-modified asphalt adhesive – Furnish neoprene-modified asphalt adhesive that contains 2% neoprene, grade WMI oxidized asphalt with a 150 degree softening point (77 penetration), and 10% long fibered inert material as supplied by (or approved equal):

Seidel Company, Inc., 11 Market Square, Newburyport MA, 01950 (617) 649-6740

Haskings Pavement Company, Inc. 410 Lakeville Rd., Lake Success, NY 11042 (516) 379-3500

Bituminous Setting Bed – Furnish asphalt cement conforming to ASTM D3381, Viscosity Grade PG64-22.

Furnish fine aggregate of natural sand and/or stone sand, composed of hard, tough, durable, uncoated particles, free from clay, silt, organic material or other deleterious substances. Insure the sand is uniformly graded with all material passing the No. 4 sieve and meeting the requirements of ASTM C136.

Combine the dried fine aggregate with hot asphalt cement and mix heat to approximately 300°F at an asphalt plant.

- A. Provide an approximate proportion of materials of 7% asphalt cement and 93% fine aggregate.
- B. Provide each ton apportioned by weight to 140 pounds of asphalt cement and 1,860 pounds of fine aggregate.

Pavers – All brick pavers shall be solid clay paving units conforming to ASTM C902, Class SX: (for heavy traffic clay paving units shall conform to ASTM C1272) Minimum depth $2\frac{5}{8}$ ", with lugs and chamfered edges.

Concrete Base – All work for the concrete base shall conform to Item 608, except that the 608 requirements for edging outside edges shall be waived. Control joints max spacing of 5' expansion joints max. spacing 25'.

Method of Measurement – Brick Sidewalk will be measured by the square foot finished pavers complete in place.

Basis of Payment – The accepted quantities of brick pavers will be paid for at the contract prices designated for each of the paver types shown on the plans. Excavation, backfill, expansion joint material, asphalt adhesive, setting bed, concrete base or asphalt base, and other related miscellaneous items will not be paid for separately, but the cost thereof shall be included in the cost of the brick pavers of which they are a part. There shall be no separate payment for laying bricks in a special pattern as per plan.

3/3

	BRICK SIDEWALK SPECIFICATIONS	CITY OF GROVE CITY, OHIO		
		STANDARD CONSTRUCTION DRAWING		
		Effective Date 8-22-06	Revision Date —	Drawing Number C-GC-94